

What Is Claimed Is:

1. A dispenser system for a liquid crystal display panel, comprising:
 - a table;
 - a rotatable plate on the table;
 - a substrate disposed on the plate, the substrate having a plurality of first image display parts and a plurality of second image display parts; and
 - at least one syringe supplying a sealant material onto the substrate to sequentially form a plurality of first seal patterns and a plurality of second seal patterns,
 - wherein each of the plurality of first seal patterns are formed along outer edge portions of the first image display parts and each of the plurality of second seal patterns are formed along outer edge portions of the second image display parts.
2. The dispenser system according to claim 1, wherein each of the plurality of first image display parts have a first area size and each of the plurality of second image display parts have a second area size different from the first area size.

3. The dispenser system according to claim 1, wherein the substrate is a large-scale mother substrate upon which at least one thin film transistor array substrate is formed.

4. The dispenser system according to claim 3, wherein the at least one thin film transistor array substrate includes a plurality of thin film transistor array substrates.

5. The dispenser system according to claim 1, wherein the substrate is a large-scale mother substrate upon which at least one color filter substrate is formed.

6. The dispenser system according to claim 5, wherein the at least one color filter substrate includes a plurality of color filter substrates.

7. The dispenser system according to claim 1, wherein the plurality of first seal patterns and the plurality of second seal patterns include openings along a side portion of the seal patterns.

8. The dispenser system according to claim 1, wherein the plurality of first seal patterns and the plurality of second seal patterns have closed loop patterns encompassing each outer edge portion of the plurality of first image parts and the plurality of second image display parts.

9. The dispenser system according to claim 1, further comprising:

a first driver driving the table along a direction parallel to a shorter side of the substrate; and

a second driver driving the table along a direction parallel to a longer side of the substrate.

10. The dispenser system according to claim 1, wherein a total number of the at least one syringe is provided to correspond to a total number of the plurality of first image display parts.

11. The dispenser system according to claim 1, wherein a total number of the at least one syringe is provided to correspond to one of a total number of columns of the plurality of first image display parts and a total number of rows of the plurality of first image display parts.

12. The dispenser system according to claim 11, further comprising at least one supporting bar wherein the at least one syringe is aligned and affixed to the at least one supporting bar.

13. A dispensing method for a liquid crystal display panel, comprising:

loading a substrate onto a table, the substrate having a plurality of first image display parts and a plurality of second image display parts;

supplying a sealant material onto the substrate to form a plurality of first seal patterns along each outer edge portion of the plurality of first image display parts;

rotating the substrate; and

supplying the sealant material onto the substrate to form a plurality of second seal patterns along each outer edge portion of the plurality of second image display parts.

14. The method according to claim 13, wherein each of the plurality of first image display parts have a first area size and each of the plurality of second image display parts have a second area size different from the first area size.

15. The method according to claim 13, wherein the forming of a plurality of first seal patterns comprises:

forming short side portions of the plurality of first seal patterns by supplying the sealant material onto the substrate using a plurality of syringes having a first alignment while the table is driven along a direction parallel to a shorter side of the substrate; and

forming long side portions of the plurality of first seal patterns by supplying the sealant material onto the substrate using the plurality of syringes having a second alignment while the table is driven along a direction parallel to a longer side of the substrate.

16. The method according to claim 15, wherein the forming short side portions of the plurality of first seal patterns and the forming long side portions of the plurality of first seal patterns are alternately performed.

17. The method according to claim 15, further comprising changing the first alignment of the plurality of syringes to the second alignment after rotating the substrate.

18. The method according to claim 17, wherein the substrate is rotated by about 90°.

19. The method according to claim 15, further comprising changing the first alignment of the plurality of syringes to the second alignment during rotating the substrate.

20. The method according to claim 19, wherein the substrate is rotated by about 90°.

21. The method according to claim 13, wherein the forming of a plurality of second seal patterns comprises:

forming short side portions of the plurality of second seal patterns by supplying the sealant material onto the substrate using at least one syringe while the table is driven along a direction parallel to a shorter side of the substrate; and

forming long side portions of the plurality of second seal patterns by supplying the sealant material onto the substrate using the at least one syringe while the table is driven along a direction parallel to a longer side of the substrate.

22. The method according to claim 21, wherein the forming short side portions of the plurality of second seal patterns and the forming long side portions of the plurality of second seal patterns are alternately performed.